The 50 MHz DX Bulletin

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The 50 MHz DX Bulletin was founded by Harry Schools K3HS. It is dedicated to the understanding and utilization of long distance propagation in the 6-meter Amateur band. The current editor and publisher is Victor Frank, K6FV. Subscription rates are \$24 U.S. first class mail, \$27 Canada/Mexico airmail, and \$30 by airmail elsewhere for 12 issues. Circulation matters and DX reports should be sent to Victor R. Frank, K6FV, 12450 Skyline Blvd., Woodside, CA 94062-4554 USA. My Internet address is victor.frank@sri.com. I have a web site that hasn't been updated in a long time for various classes I took at http://www.qsl.net/k6fv. The bulletin may be freely quoted, provided that credit is given.

DX Operations

Most of the listings in this column came from SM7AED's notebook and SMIRK.

Pratas Island, BQ9P: will be QRV on 160-6m including WARC bands with 5 stations October 7-16.

Myanmar, XZ7A: A group of Germans plans operation on 160-6m between September 30-October 17. See http://www.qsl.net/dl7df during the dxpedition.

Cambodia, XU7ACD: Shirow, JF6DEA/KE1EO, will be operating 40-6m October 3-6.

Europa Island, FR_: Barring unexpected military activities, eight French military operators will be active from AF-009 from November 22 to December 5 or 6. This is a small island that is part of the DXCC entity Europa & Juan de Nova. They hope to have 3 stations in operations on 160-6m.

Annobon Island, 3C0V: is on the air until October 10. Although their equipment includes 6m gear, west coast USA operators on lower bands complain that their beams are almost always on Europe.

Algeria, 7X0AD: Word on September 5 was that Enrique was still awaiting approval from 6m license.

Togo, 5V7BR: Georges, F8OP, relayed that Robert, 5V7BR, received a FT897 in early September and is awaiting arrival of a beam.

Tunisia, TS7N: will be QRV from Kerkennah Islands (AF-073) from November 19-December 1. Andy, DL9USA, obtained the first and only official license for 6m there.

Lampedusa Island, Italy IG9/I2ADN: Angelo is operating with a Yaesu FT847 from here all October with 250W of solar panels and 400A, 7h batteries, and a 2 x 3 el Yagi.

France, HAM-EXPO, TM9AF: Look for this special call sign celebrating the 25th HAM-EXPO in Auxerre, from October 12-26.

Bermuda, VP0/VU3SNM: Sasi, VU3SNM/9V1SM, will be active on 20-6m from Bermuda's Biological Station for Research October 18-27.

Canada, James Bay, VB2C: A group of thirty operators will operate from Camp Rupert, FO11GI, between October 21-27. Before the CQ WW SSB contest they plan to be active on 160-6m. See http://www.qsl.net/teamzone2

Antigua-->Costa Rica, TI5/: The V26B "Team Antigua" will be going to TI5 instead for the CQ WW SSB contest. The group plans operation on 6m and WARC bands October 16-26 outside of the contest..

San Andres Island, 5J0J, KH0/: Members of the Florida DXpedition Group expect to be QRV on 160-6m from October 20-28.

Virgin Islands, NP2SH: The Wireless Association of South Hills will be QRV from St. John (NA-106)(FK77) from October 4-12. They indicated that they would be watching 6m but would not have a good antenna.

St. Kitts-->Honduras, HR6: Joe, VE3BW, will not be operating the CQ WW SSB contest from St. Kitts, but instead will be operating 160-6m from Roatan, Honduras from October 19-November 2.

Saint Martin, PJ7/FS: Pete, VA3RA - VE3IKV is planning a trip here November 8-15 and inquired about F2 or TEP propagation to that area during that time period. If it looked promising, he wrote that he would bring his Yaesu FT-650 and 1/4 wave mobile antenna.

Netherland Antilles, PJ4/DL: Chris, DL5NAM, and Klaus, DL7NFK, will be active from Bonaire (SA-006) October 16-26 on 80-6m.

Venezuela, 4M9YY: Alexis, YV5SSB, is coordinator of a DXpedition to San Fernardo de Apure (FJ67) to take place October 7-12 on all bands and modes, including the satellites. See http://www.4m9yy.com.ve

Suriname, PZ5A: The Magnolia DX Association will be QRV for the contest from PZ5RA's QTH from October 20-28 and will be active on 6m as the band allows.

Argentina, LU1DZ/P, LU6UO/P, LW2DX/P: Alberto, Hector, and Fernando, respectively plan to operate from the rare San Juan Province (FF69) between October 2-6 on 160-6m.

Easter Island, CE0Y: SP9PT and SP9EVP will be here October 17-November 1 and plan to be on 80-6m. They plan to continue from CE3, the Atacama Desert November 1-8.

Kure Island, KH7K: October expedition was postponed until sometime next year owing to uncertainties related to transportation access to Midway.

Palau, T88: JK1FNN and 7L1MKM will operate as T88HA and T88MY from December 28 to January 4.

SMIRK CONTEST 2003 RESULTS

Call	SMIRK #	QTH SM	IRKS Wkd	Others (Grids	Score	Comments
K1TOL	2079	ME	38	90	70	11,620	#1 Worldwide
W3XO/5	800	STX	29	61	38	4522	#2 Worldwide
AA5XE	6238	STX	19	67	39	4095	#3 Worldwide
W3EP/1	4716	CT	16	45	44	3388	#4 Worldwide
WA5LFD	6523	NTX	16	45	31	2387	#5 Worldwide
N8UUP	6528	MI	22	20	27	1728	#1 Michigan
AK3E		MD	11	28	23	1150	#1 Maryland
K9SM	1970	IL	11	33	20	1100	#1 Illinois
KJ5RC	5953	MS	10	18	23	874	#1 Mississippi
OK1SRD		Czech	0	34	23	782	#1 Europe
KB9Q	6204	WI	12	10	16	544	#1 Wisconsin
K7IEY	2124	WVA	9	14	12	384	#1 Washington
VA3OR		ON	1	19	17	357	#1 Canada
K6FV	2933	SCV	7	8	13	286	#1 California
KR8L	4310	IL	10	1	8	168	#2 Illinois
WA3CSP	1171	WPA	1	12	8	112	#1 WPA
W8PAT	1447	ОН	8	0	6	96	#1 Ohio
N8XA/p	3603	ОН	5	2	6	72	#2 Ohio/#1 QRP
ZR6AGA	5415	SAfr	3	17	3	69	#1 Africa
KA0EIC	5489	KS	3	0	3	18	#1 Kansas
KA5GLX		STX	0	5	3	15	
N3NTN	6525	EPA	1	2	3	12	#1 EPA

As the above scores suggest, the eastern half of the USA had better propagation than the western half, with most of the DX being worked here between 00-02Z on June 21. Still, it was lots of fun. I worked three new grids and TI5KD. Apparently only 22 stations submitted logs, even though many more participated. I encourage you to submit your logs in the future, even if you think you didn't do very well.

Beacon News

Norway, LA7SIX: is QRV again with 35W. Denmark, OZ7IGY: as of September 8 is back with full power.

Sweden, SK2CP: as of September 10 was temporarily QRT due to the keying circuits being destroyed by lightning.

California, K6FV: (50.069) antenna schedule for October, SW. (S. Pacific)--will change in November.

July-Sept 03 DX Reports

I received the following e-mail from Hatsuo, JA1VOK, on September 20: "Since I was suddenly hospitalized this Thursday, no September DX report can be sent this month. Max. 4 weeks in hospital." We wish him a speedy and complete recovery from whatever caused him to be hospitalized.

The following reports of 50 MHz and higher DX propagation are courtesy of VE7SKA, XE2HWB, YO7VS, K6QXY, and postings on the Internet. Apologies to any sources I may have inadvertently neglected.

The first entry is mmddhhii, where mm is the month, dd is the day of the month, hh is the hour UTC, and ii is the minutes after the hour. The year is understood to be 2003. Symbols just before the call of the reporting station include: V=Video Carrier, I=Inband video sidebands, F=FM audio, B=beacon, C=CW, J=JT44, P=PSK31, R=RTTY, S=SSB, W=mode not mentioned (or both CW & SSB), H=heard only. (BSc) = backscatter.

Reports of Africa

ASCENSION IS. 09042236 ZD8VHF 09072134 ZD8VHF

09082113 ZD8VH 09122154 ZD8VH 09142020 ZD8VH 09192208 ZD8VH 09232132 ZD8VH 09272104 ZD8VH 09272205 ZD8VH 09282200 ZD8VH	F 429 F 519 F 439 F 519 F 55 F 519 F 519	50.032 50.032 50.033 50.032 50.032 50.032 50.032 50.032	西西西西西西西	9H1TX EA7KW 9H1TX EA7KW EA7OC SV1DH 9H1TX
CAPE VER 09061733 D44TD 09061751 D44TD 09081827 D44TD 09271537 D44TD	59>JM19 CQ, 59 >JN86FJ 55 w/ 9H1YZ	50.110		EA6XQ 9A4K 9H1TX ISOGQX
CEUTA & N 09130922 EH91B 09131220 EH91B 09131224 EH91B 09131256 EH91B	QRZ PEDRO IM85NG IM85>JO21	50.110 50.115 50.115 50.115	н	PF7M G0CHE PA1SIX G4VPD
EGYPT 07180909 SUISK 09081845 SUISK	59 /59 KM50	>KN14 50.110		YO7VS D44TD
09181606 3C-TV 09201601 3C-VII 09211414 3CVIDI 09221521 3CVIDI 09271338 3CVIDI 09291412 3CVIDI 09291449 3CVIDI	20 S5 QSB 20 S9+20 A-TEP 20 S5 20 S5 20 S5>JN35 20 S5 E-TEP 10 S2	48.250 48.250 48.250 48.250 48.250	VVVVVVF	SV1DH SV1DH SV1DH IZ1EPM SV1DH SV1DH
09101535 TROA 09101542 TROA 09101553 TROA 09111452 TROA 09111458 TROA 09121536 TROA 09121544 TROA 09131513 TROA 09141937 TROA 09141937 TROA 09141937 TROA 09141937 TROA	529 >JN53 559 519>IN94 LONELY 319 >JM75 219-319	50.049 50.048 50.049	88888	EA7KW 9H1TX 1W5DHN EA7KW F6FHP EA7KW 9H1TX G0JHC EA7KW EA7KW IW5DHN EA7KW 9H1TX SV1DH

00011E01 mp03 E10- 757C1		
09211533 TROA 519>JM49	50.048 B IKOFTA 50.049 B ISOGQX	O9201601 S9TX 51
09221922 TROA 519	50.048 B 9H1TX 50.049 B SV1DH	COUTH APPICA
09231317 TROA S2 >JN53	50.048 B IK5YJY	09061615 ZS6NK CO CW 50 110 TMOTEO
09231708 TROA GUD SIGS>JN53	50.048 B I5CTE	09061632 ZS6 S3 >JN53 50.044 B IK5YJY
09231855 TROA 519 09241532 TROA 519	50.049 B SV1DH 50.049 B SV1DH	09061711 ZS61WB, ZS6DN B IT91PQ 09061717 ZS6NK 539 50.108 PA0FRE
09251408 TROA 519	50.049 B SV1DH	09061718 ZS1TW 529 QSB>JO21 50.045 B PA3GDY
09261155 TROA 559	50.049 B 9H1TX 50.048 B G4FUF	09061719 ZS6NK 59+>PANTELLERIA .110 IH9YIT
09261406 TROA 519	50.049 B SV1DH	09061732 ZS6TWB 599 50.044 B MW1MFY
09271430 TROA 529 >IN94	50.049 B F6FHP	09061745 ZS6WB 56 50.245 G4IGO
09271433 TROA 539 09271456 TROA 519	50.048 B IK5MEN	09061801 ZS6WB -8DB 50.245 H OE3MWS 09061804 ZS6NK -11DB 50.245 H OE3MWS
09281343 TROA 529 >IN94	50.049 B F6FHP	09201556 ZS6NK IT9IPQ
09281421 TROA 559 >JN53 09282043 TROA 519	50.049 B IW5DHN 50.049 B SV1DH	09201640 ZS6TWB 599 50.043 B IT91PO
09291504 TROA 419 S9+	50.049 B SV1DH	09201655 ZS6TWB DEAD CARRIER? 50.044 B EA7KW
09291340 IRON 339	50.048 B G4FUF	09201712 ZS6WB 50.110 H9YIT
IVORY COAST		09201/16 ZS6STN 50.110 IH9YIT 09201717 ZS6NK 50.110 IH9YIT
09081730 TU2OJ 55 IN76>JM75	50.110 9H1TX	09211523 ZS6NK CW 50.111 5B4FL
09081747 TU2OJ	50.110 IK4ADE	09211550 ZS6 S4 >JN53 50.044 B IK5YJY
09081752 TU2OJ 59 GERARD 09081758 TU2OJ 59>PANTELLERIA	50.110 CT1FJO	09211633 ZS6GVD 50.110 IK7MCJ
09081800 TU20J IJ76AD	50.110 EA7HZ	09231538 ZS6 S1 >JN53 50.044 B IK5YJY
09211557 TU2OJ 59	50.110 CN8KD 50.110 9H1YZ	09231605 ZS6NK 579 KG46>JM78 50.108 IW9CER 09241709 ZS6GVD CO 57>JM49OH 50 110 H ISOGOV
09211607 TU20J 57	50.110 5B4FL	09241718 ZS6DDG 57 KG33XV>JM49OH IS0GQX
09271426 TU2OJ 57>J83FM	50.110 1W9CER	092/1/28 ZS6TWB VY WEAK 50.044 B IW0GPN 09281548 ZS6NK CO CW 50.110 10WTD
09271442 TU2OJ 57 IJ76>IN94 09271543 TU2OJ	50.130 F6FHP	09281550 ZS6NK 529>JM490H 50.110 H ISOGQX
09271732 TU2OJ WEAK	50.110 CN8LI	09281641 ZS6TWB 579 KG46RD>JM49OH B ISOGQX
09281452 TU2OJ 51>1081	50.130 IK1EGC	09281715 ZS6WB -16DB JT44 50.245 H EI7IX
09281519 TU2OJ 52>1090	50.130 G3IBI	09291650 ZS6DN KG44>JN08 50.050 B F5NLY
KENYA 09271315 5ZVIDEO		09291658 ZS6DN 519 50.050 SV1DH 09291704 ZS6AFG CO 57 50.110 JW1077
09271315 5ZVIDEO S7 OSB	SV1DH	09291900 ZS6TWB WEAK>JN62FB 50.044 B IWOGPN
09281231 5ZVIDEO S9+	SV1DH	SUDAN
09291215 52VIDEO S7 QSB	SVIDH	09241431 ST2NH 53 NADER 50.110 9H1TX
MADEIRA IS.	STATE OF THE PARTY OF	TUNISIA 08010935 3V8CB 59 /59 >KN14 S Y07VS
09262349 CT3BD 55>GG51 JOSE	50.110 PP5LD	1 UNISIA 08010935 3V8CB 59 /59 >KN14 S Y07VS
MALAWI		
09061711 7Q7SIX	50.002 B IT9IPQ	ZIMBABWE
09211615 7Q7RM CW 09211628 7Q7RM 599>JN61	50.112 5B4FL 50.108 IK0FTA	09201652 Z22JE 559 CQ 50.111 EA7KW 09201703 Z22JE CO 52 50.115 SV1DH
09211650 7Q7RM	50.110 IH9YIT	09201725 Z22JE 50.110 IH9YIT
09271812 7Q7SIX WEAK	50.002 B A61AH	09241744 Z21FO W/ CT1EAT 50.115 CT1EPC
09291655 7Q7RM 579>IN94	50.110 F6FHP	09261726 Z22JE CLG A61AH 50.110 5B4FL
09291655 7Q7RM 579>IN94 09291656 7Q7RM CW>JN35 09291659 7Q7RM 579>JN61	50.110 F6FHP 50.110 H IK1EGC 50.107 IK0FTA	09261726 Z22JE CLG A61AH 50.110 5B4FL 09291700 Z22JE CQ 51 50.115 SV1DH 09291703 Z22JE CQ 50.110 IW1AZJ
09291655 7Q7RM 579>IN94 09291656 7Q7RM CW>JN35 09291659 7Q7RM 579>JN61 MAYOTTE	50.110 F6FHP 50.110 H IK1EGC 50.107 IK0FTA	09261726 Z22JE CLG A61AH 50.110 5B4FL 09291700 Z22JE CQ 51 50.115 SV1DH 09291703 Z22JE CQ 50.110 IW1AZJ 09291727 Z22JE 50.110 4Z5LA
09291655 7Q7RM 579-IN94 09291656 7Q7RM CW>JN35 09291659 7Q7RM 579>JN61 MAYOTTE 09171334 FH/G4IRN	50.110 F6FHP 50.110 H IK1EGC 50.107 IK0FTA 50.110 PE1HWO	Section
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09220832 BG9BA CW QTF 200 50.110 JG3LEB 09230754 BG9BA CW 50.110 JE2XBY 09250919 BG9BA CQ QTF 210 50.110 JG3LEB 09260737 BG9BA CQ QTF 220 50.110 JG3LEB 09270825 BG9BA CQ QTF 200 50.110 JG3LEB	09131240 ON4LG CQ 50.110 CN8LI 09281731 ON7GB 59+>IM77 50.145 EA7OC 09291857 ON6AA CLG CQ 50.099 PEIMZS 09291905 ON7GB 519 BSC JN26>JO21 PBOP 09291906 ON7GB QTF 240° 50.110 CN8LI	09060851 GOCHE CQ JT6M 50.230 G4PCI 09121135 GBJBUX 559 50.007 B IGBQI 09121146 GOJHC CQ DX 579 50.111 IGBQI 09130706 GBJMCB 559TR IO70>IN94 042 B F6FHP 09130812 GBJMCB LOUD>IN52LR 50.042 B IKSRLP
HONG KONG 09100851 VR2SIX 50.075 B JFINZW 09270754 VR2XMT SSB 50.110 JG3LEB 09270800 VR2XMT GOOD SIGNAL 09270829 VR2XMT CQING 50.130 JA1FQA 09270842 VR2PX 50.108 HL1LTC	BOSNIA-HERZEGOVINA 07281340 T99C 599/599 QSB SO>KN14 C YO7VS BULGARIA 09010950 L22CC 579 KN22>JN54 50.049 B IW4BET 09040943 L2IJH 539 KN22>JN53 50.013 B IZ5EKV 09040947 L2IJH 559 KN22>JN5080 50.013 B SESMIX	09960851 G0CHE CQ JT6M 50.230 G4PCI 09121135 GBJBUX 559 50.007 B 16BQI 09121136 GBJBUX 559 50.111 16BQI 09121146 G0JHC CQ DX 579 50.111 16BQI 09130812 GBJMCB 559TR 1070>IN94 .042 B F6FHP 09130816 G4CCO 51→JN52 50.129 IKSRLP 09131325 G0JHC WEAK 50.133 C0HS 109130816 G4CCO 51→JN52 50.129 IKSRLP 09131836 GBJMCB 559 →IN23 50.042 B FIJG 09140617 G0CHE CQ JT6M 50.230 G4PCI 09140702 GBJMCB 559TR 1070>IN94 .042 B F6FHP 09140943 G4DEZ 55→JO55XU 50.200 C21IEP 09161449 G4PCI 55A→IO86AD 50.139 M09EM 09162041 GBJMCB 519→JO41 TR 50.042 B DLBYHR 09231824 G0UYC 50.145 50.135 F6FHP 09231824 G0UYC 50.145 50.135 F6FHP 09231937 GX7VHF 55 50.135 F6FNN 09302019 GBJBUX 579 GOOD TR 50.000 B PA2V ESTONIA 07180705 ESIMM 59 /59 K029KK≻KN14 C Y07VS 07211940 ESIRF/3 599/559 K029×KN14 C Y07VS 07211940 ESIRF/3 599/599 K027WA≻KN14 C Y07VS 07212032 ESIRA 579/599 K027WA≻KN14 C Y07VS 07212032 ESIRA 579/599 K027WA≻KN14 C Y07VS 07230635 ES6DO 599/599 K027WA≻KN14 C Y07VS 07230635 ES6DO 599/599 K027WA≻KN14 C Y07VS 07210635 ES6DO 599/599 K027WA≻KN14 C Y07VS 09250633 ESOSIX 539 MS>JO80 50.037 B SP6MLK 09250633 ESOSIX 539 MS>JO80 50.037 B SP6MLK 09280704 ESOSIX S3 MS & WEAK TR .037 B SP6MLK 09280704 ESOSIX S1 MS K018/J080 .037 B SP6MLK
JAPAN 09020700 JG1ZGW 559 QSB 50.490 B HL1LTC 09080729 JA6YBR 539 SC 50.017 B HL1LTC 09100911 JA6YBR 539 BSC 50.017 B HL1LTC 09210915 JHEZND 599-PM37 50.480 B HL1LTC 09220703 JG1ZGW 599 DIRECT 50.490 B HL1LTC	09040950 LZ2CC 599 QSB>JOSO 50.050 B SP6MLK 09041009 LZ2CC 599 KN22GS>JN87 .050 B HA1DOG 09041824 LZ2CC 599 50.049 B DL3AMA 09041912 LZ2CC 559 >JN55UR 50.049 B DL3AMA 09061752 LZ1SJ 50.010 D44TD 50.010 D44TD 09081427 LZ1SJ JM56XT 50.110 D44TD 09081427 LZ1SJ JM56XT 50.110 LZ2HM	09231843 GX7VHF J001 50.135 PE4AD 09231937 GX7VHF 51 QSB J082 50.135 PE6NVN 09302019 GB3BUX 579 GOOD TR 50.000 B PA2V ESTONIA 07180705 ESIMM 59 /59 K029KK>KN14 S Y07VS
09220716 JOLLVZ CQ DX SSB 50.110 HLILTC 09220745 JH8ZND 599 50.480 B HLILTC 09230045 JH8ZND 599>FM37 50.480 B HLILTC 09260736 JA6YBR 539 BSC 50.017 B HLILTC 09260745 JA5CMO 55>FM37 50.110 HLILTC 09260745 JA5CMO 55>PM37 50.110 HLILTC 09260741 JASNAE 59 DIRECTSFM37 110	CRETE 09130902 sv9six 599 CROATIA	07211940 ES1RF/3 599/559 K029>KN14 C Y07VS 07212032 ES1RA 579/599 K029KX>KN14 C Y07VS 07230635 ES5D0 599/599 K027WX>KN14 C Y07VS 08111740 ES6D0 599/599 K027WX>KN14 C Y07VS 09241616 ES4EQ 59A 50.100 SM2CEW 09250629 ES0SIX 539 MS>J080 50.037 B SP6MLK 09250633 ES0SIX 549>J073 50.037 B SP1DID
09280814 JE7YNQ 559 Sc 190° 50.027 B HL1LTC	00140730 0317 7mCv	09290345 ESOSIA SI MS KU18/JUSO .03/ B SP6MLK
09220734 P5AUDIO HARMONIC 300°48.250 JG3LEB KOREA,S.	CZECH REPUBLIC 07130805 0K1A0V 07130820 0K1A0V 07130820 0K1A0V 07130827 0K1ZM 599/599 JO70WE>KN14 C YO7VS 07130827 0K1ZM 599/599 JO70FB>KN14 C YO7VS 07130827 0K1ZM 599/599 JO70FB>KN14 C YO7VS	09041826 OY6SMC 449 50.035 B SM0POB 09061916 OY6SMC 559 QSB>IO91 50.035 B G4PCI 09061937 OY6SMC IP62MB 50.035 B EI3IO
09100707 HL2FDW 50.126 DSICCU 09100711 6KZDHP 59 50.126 DSICCU 09100728 HL5NP SSB CQ 50.110 HL1LTC 09100920 HL1LTC CQ QTF 210 50.110 JG3LEB	07130848 0K1AIT 599/599 JOTOVB-KN14 C YOTVS 07130852 0K1XC 599/599 JOTOKC-KN14 C YOTVS 07130853 0K1XU 599/599 JOTOKC-KN14 C YOTVS 07181238 0K1ZJ 599/599 JOTOKC-KN14 C YOTVS 07181238 0K1ZJ 599/599 JOTOKC-KN14 C YOTVS 07210742 0K2OV 599/59 JOTOKOK YOTVS 07210742 0K2OV 599/59 JOTOKOK YOTVS 07210742 0K2OV 599/59 JOTOK YOTVS 07210742 0K2OV 599/59 JO	### TINLAND 07080620 0H3JE
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09230610 9M2TO 529 QSB 50.005 B JE2XBY 09230622 9M2TO CQ CW 50.120 JG3LEB 09230850 9M2TO CQ 559 50.120 JG3LEB 09240901 9M2TO 419 50.005 B JE2XBY 09250536 9M2TO >PM85 50.005 B JR2HCB 09260762 9M2/JI1ETU 419 50.005 B JG3LEB 09280713 9M2/JI1ETU 539>PM85 50.005 B JG3LEB 09280913 9M2/JI1ETU CLEAR 50.085 B JG2LEB 09280913 9M2/JI1ETU CLEAR 50.085 B JG3LEB	07130632 OZ1NN 559/569 JO65CT>KN14 C YO7VS 07130725 OZ1DD 59 /59 JO45VT>KN14 S YO7VS 07130732 OZ511 599/599 JO65AP>KN14 C YO7VS 07130757 OZ9FW 599/599 JO65AP>KN14 C YO7VS 07130038 OZ7NB 599/599 JO65AP>KN14 C YO7VS 07210750 OZ511 599/599 JO65AP>KN14 C YO7VS 08151824 OZ7NB 559/559 JO45GL>KN14 C YO7VS 09130832 OZ4ADX CQ JT6M 50.230 G4PCI 09131157 OZ1DPR 59 JO45IG 50.110 EASAGR	09041826 OY6SMC 449 09061937 OY6SMC 1F62MB FINLAND 07080620 OH3JE 599/599 KP200U>KN14 C Y07VS 09021340 OH9SIX 56A KP36-KP15 50.067 B SM2CEW 09031242 OH9SIX 55 50.067 B SM2CEW 09031242 OH9SIX 55 50.067 B SM2CEW 090312130 OH9SIX 54A KP36-KP15 50.067 B SM2CEW 09031130 OH9SIX 55 50.067 B SM2CEW 09111802 OH5SIX KP30 579>JN39 50.076 B SP6MLK 09111802 OH5SIX KP30 579>JN39 50.076 B SP6MLK 09111802 OH5SIX 57A KP36-KP15 50.067 B SM2CEW 09290619 OH5SIX 57A KP36-KP15 50.067 B SM2CEW 07091532 F6EAH 07091532 F6EAH 07091539 F6FTI 559/559 JN05MS-KN14 C Y07VS 07130858 F5BLD 599/599 JN95WL>KN14 C Y07VS 07130858 F5BLD 599/599 JN38WT-KN14 C Y07VS 07191300 F6BBO 599/599 JN38WT-KN14 C Y07VS 07191310 F6CBBO 599/599 JN97QI>KN14 C Y07VS 07191300 F6BBO 599/599 JN97QI>KN14 C Y07VS 07191310 F1PD 599/599 JN00SB>KN14 C Y07VS 07191320 F1PTW 599/599 JN00SB>KN14 C Y07VS 07191320 F1PTW 599/599 JN00SB>KN14 C Y07VS 07191320 F1PTW 599/599 JN00SB>KN14 C Y07VS 07280717 F6DJB 599/599 JN00SB>KN14 C Y07VS 07281714 F1GTU 59/599 JN00SB-KN14 S Y07VS 07281714 F1GTU 59/599 JN00SB-KN14
SRI LANKA 09261055 487EA. 50.110 YAID	09200816 OZ4ADX JT6M 50.230 G4PCI 09200856 OZ4ADX 50.245 H G0CHE 09210648 OZ4ADX JT6M 50.230 J G4PCI 09210716 OZ1P JT6M 50.230 J G4PCI 09231706 OZ9KY JO45>JO32 50.150 PC7M	07191300 F16BBC 599/599 JN18CS=KN14 C YO7VS 07191330 F1FJB 599/599 J000SR=KN14 C Y07VS 07210824 F6FTI 559/599 J000SR=KN14 C Y07VS 07212022 F8BBL 599/579 IN94>KN14 C Y07VS 07212022 F8BBL 599/579 IN94>KN14 C Y07VS
VIETNAM 09100734 XV3AA 59 50.130 HLILTC 09100854 XV3AA SSB 50.130 JG3LEB 09130604 XV3AA 55 50.130 JE2XBY 09130704 XV3AA 55 50.130 JH1XUP 09130921 XV3AA CQ CQ 50.130 JG5LOB 09200804 XV3AA CQ CW 50.130 JG3LEB 0920720 XV3AA 59 50.130 JG3LEB	09231716 0Z5W J055×J032 50.160 PC7M 09231741 0Z9KY 55 J045VX>J050UF .150 DK2EA 09231742 0Z5W 559 50.161 PAZV 09231745 0Z9KY 559 50.151 PAZV 09231749 0Z5W 50.160 PAJFSA 09231751 0Z9KY 50.150 PAJFSA 09231754 0Z9KY J021×J045 50.150 ONTGB 09231835 0Z6CQ 59 50.174 H OZ9CQ	07280758 FSNEV 0797569 JN04EM>KN14 C YO7VS 07281714 F1GTU 59 /59 JN05CL>KN14 C YO7VS 07281714 F1GTU 59 /59 JN051E>KN14 C YO7VS 08051532 F8ERP/P 579/599 JN091U>KN14 C YO7VS 08051532 F8ERP/P 579/549 IN88LC>KN14 C YO7VS 08151838 F4CKC 59 /57, JN26CO>KN14 C YO7VS 09041300 F5PTM 539 TROPO 50.110 H DJ6MB 09060605 F61RF CQ JT6M 50.230 G4PCI 09060607 F4DYR CQ JT6M 50.230 G4PCI
09220720 XV3AA 59 50.130 JEZXBY 09220739 XV3AA SSB 59 50.130 HILLTC 09220742 XV3AA 5SB 59 50.130 JAIDFU 09220747 XV3AA GOOD SIG 50.130 DS4DBF 09230746 XV3AA SSB CQ 50.130 JPIGUW	ENGLAND 07060931 G4TSH/P 599/599 J001LD>KN14 C Y07VS 07060938 G3UOF 559/559 J0032PD>KN14 C Y07VS 07060942 G3RPB 599/599 J002PD>KN14 C Y07VS 07060950 G3KZR 599/599 I081SC>KN14 C Y07VS	09101430 F1EBE 55 1081 50.110 GW3MFY 09130726 F6FHF 52>JO751D EU-030 .205 OZ4ADX 09131156 F6GEX 59 IN97NA 59 50.110 EASAGR
Reports of Europe	07061115 G4DHF 59 /59 IO92UU>KN14 S YO7VS 07091523 G3NOH 579/579 IO91UM>KN14 C YO7VS	09131212 F4CGJ JN07>IM88WV 50.110 EA5AGR 09131232 F1EBE CQ 50.110 CN8L1 09131257 F1EBE JEAN JN09NN 50.110 EA7HZ
ALAND IS. 07211349 OHORJ 599/599 JP90XI>KN14 C YO7VS	07091536 G3JPC 599/599 IO93TA-KN14 C YOTVS 07130912 G8PL 59 /59 J0010V>KN14 S YOTVS 07181310 G3WZT 599/599 IO930A-KN14 C YOTVS 07190926 G3TPBK 599/599 J0022-KN14 C YOTVS 07190945 G3TBK 559/559 IO930A-KN14 C YOTVS	09131615 F1JG 59+ 50.110 E17BMB 09131641 F1JG 59+ CLG CQ DX 50.110 H E171X 09131715 F1JG JT6M CQ 50.230 G4PC1 09140532 F4DYR JT6M CQ 50.230 G4PC1
AUSTRIA 07181222 0E5RI 599/599 JN77DX>KN14 C Y07VS 07181233 0E3BCA 599/599 JN87CX>KN14 C Y07VS 09040913 0E3XLB JN87 50.058 B HA1DOG	07190945 G3TBK 559/559 I093QA>KN114 C Y07VS 07191104 G4Dez 59 /59	09281642 F1BBK 59 JN08PP>IM76SR .130 EA7HZ GERMANY 07091715 DG9YIH 599/599 J032QI>KN14 C Y07VS 07130800 DL7BQ 599/599 J052F0>KN14 C Y07VS
09041250 OE3SJA CQJT6M 50.230 OE1SJA 09060639 OE5MPL JT6M QTF 270 50.230 OE5XPL 09060659 OE5MPL ALMOST PERMANENT.230 F6IRF 09081522 OE3XLB 559 50.058 B 9HITX 09131604 OE5RI CQ 50.103 DL9USA	07191308 G31AF 579/599 I0910D>KN14 C Y07VS 07191310 G3YSK 599/599 I0910D>KN14 C Y07VS 07191323 G3KKP 579/589 I091DB>KN14 C Y07VS 07191327 G3101 599/599 J001GO>KN14 C Y07VS 07191333 G3KGC 599/599 J001AFM14 C Y07VS 07191333 G3KGC 599/599 I091>KN14 C Y07VS 07191656 G4POP 579/559 I090CW>KN14 C Y07VS 07211858 G0PSE 599/599 I081KA>KN14 C Y07VS 07210625 G8LBS 599/599 I070RA>KN14 S Y07VS 07230625 G8LBS 599/599 J001AB>KN14 S Y07VS 07230625 G8LBS 599/599 J001AB>KN14 S Y07VS 07230625 G8RW 797VS	07130801 DL5BAW 579/559 J043JB>KN14 C Y07VS
BALEARIC IS. 09131534 EH6XQ CQ 50.110 G4PCI 09131540 EH6XQ 50.130 G0CHE	07191656 GAPOF 579/559 IO90CW>KN14 C YO7VS 07211858 GOPSE 599/599 IO81KA>KN14 C YO7VS 07211923 GBBCG/P 59 /59 IO70RK>KN14 S YO7VS 07230625 GBLBS 59 /525 JO02NB>KN14 S YO7VS 07230845 GBRW 599/599 JO01AJ>KN14 C YO7VS 07230845 GBRW 599/599 JO01AJ-KN14 C YO7VS 07230845 GBRW 599/599 JO01AJ-KN14 C YO7VS 072308 GBRW 599/599 JO01A	07130812 DH1FM 599/599 J061UD-KN14 C Y07VS 07130823 DG9Y1H 599/579 J032QI>KN14 C Y07VS 07130828 DL1ALE 599/599 J050HP-KN14 C Y07VS 07130842 DL1JIU 599/599 J050HP-KN14 C Y07VS 07130965 DK6AQ 599/599 J050HP-KN14 C Y07VS 07130901 DK2GZ 579/579 HARRY >KN14 C Y07VS 07130903 DF9TF 579/599 JN37TV-KN14 C Y07VS 07130923 DL9ZU 579/569 >KN14 C Y07VS 071
BELGIUM 07091517 ON5FU	07230956 G3XWI 07230903 M5MUF 599/599 I093GS-KN14 C Y07VS 07230908 G0DJA 599/599 I093FS-KN14 C Y07VS 0723092C G3FJW 07231723 G4FVF 08151727 G4FVF 08151728 C3BLA 08151727 G4APP 08151728 G3BLA 08151729 G3BLA 08151739 G3BLA 08151810 G3MPH 599/59 J002BLXN14 S Y07VS	07130903 DF9TF 579/599 JN37TV>KN14 C YOTVS 07130923 DL9ZU 579/569 NN14 C YOTVS 07130928 DL6EW 599/599 JN48OU>KN14 C YOTVS 071803928 DL6EW 599/599 JN47SS>KN14 C YOTVS 07181135 DK5CCA 599/579 JO61JR>KN14 C YOTVS 07181241 DL9JH 599/599 JO61JR>KN14 C YOTVS 07181247 DK8RE 579/579 JO61JR>KN14 C YOTVS 07181247 DK8RE 579/579 JO61JR>KN14 C YOTVS 07181253 DM3SWD 599/599 JO61JR>KN14 C YOTVS 07191032 DJ6ZC 599/599 JO62KL>KN14 C YOTVS 07191728 DG9YH 579/599 JO43JXK>KN14 C YOTVS 07210805 DJZRE 599/599 JN49HS>KN14 C YOTVS 07210812 DL2BTL 599/599 JM49HS>KN14 C YOTVS 07210812 DL2BTL 599/599 JM62MJ×KN14 C YOTVS 07210812 DL2BTL 599/599 JM62MJ×KN14 C YOTVS 07211930 DL5APG 599/599 JM60AU>KN14 C YOTVS 07211930 DL5APG 599/599 JM60AU>KN14 C YOTVS
09130800 ON7GB 319>JO40 50.110 DJ9KM	08151810 G4NPH 59 /59 JOO2BI>KN14 C YO7VS 08151830 G31AF 559/599 IO910D>KN14 C YO7VS 09041232 G3FPQ 55 W/ G3KPU 50.135 9H1TX 09060618 G4PCI CQ JT6 STRONG! 50.230 F61AF	07210805 DJ2RE 599/599 JN49HS>KN14 C Y07VS 07210802 DL2BTL 599/599 J062VN>KN14 C Y07VS 07211930 DL5APG 599/599 J0680AJ>KN14 C Y07VS

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F6IRF

07211932 DKL2AMD 599/599 JO50VW-KN14 C YO7VS 07211934 DL4JM 559/559 JO60-KN14 C YO7VS 07230914 DJ5KB 559/599 JO31GK-KN114 C YO7VS 07261025 DJ2NJ 599/599 JO31GK-KN114 C YO7VS 07281725 DK6PE 599/599 JO31GK-KN114 C YO7VS 07281725 DK5PE 599/599 JO31GK-KN114 C YO7VS 072811728 DB1JRS 44 /57 QSB/QRM S YO7VS 072811205 DL5BAN JO43JDS-IM88WV 50.110 EA5AGR 09131205 DL5BAN JO43JDS-IM88WV 50.110 EA5AGR DF0HF	LUXEMBOURG 09091644 LX0SIX 439>J050SF 50.023 B DF0HF 09102032 LX0SIX 559 JN39>J041 50.023 B DE8THR 09291422 LX0SIX 559 ES 50.022 B EA7RM 09300745 LX0SIX 559 J031TO TR 50.023 B DL2DR MALTA 09011633 9H5PJ 55 JM76DB 50.140 ISOGQX 09040951 9H1PA JM75 50.112 LYZKW	09281625 CT0SIX >JN35 50.32 B INTEGE 09281710 CT1HZE CQ 50.140 F4JVG 09281718 CT1HZE CQ 50.140 F4JVG 09281722 CT1HZE 59/59 Es >J0311K.140 DL1EAP 09281734 CT1DYX CQ 50.110 FAAFA 09281738 CTIDYX S9+ >J050 50.165 DF0HF
09040927 SV1SIX >JO50 50.040 B DL5ANS	09201608 9H1YZ BSc QTF 180° 50.110 IWSDHN 09221405 9H1TX 519 BSc 50.110 SV1DH 09221423 9H1TX 50.110 IH9YIT	09281741 CTIDXX 59 INS1QD>JN37FR.165 F4BIT 09281751 CTISIX 549 >Jo62 50.032 B DL7YS 09291826 CT2HZE IM57 50.097 E1310 09291827 CT1HZE 599>JN450A 50.097 12WsG 09291831 CT1HZE 519>IO53 50.097 GROTY 09291837 CT1HZE 599 IM57>IO81 50.097 GW6TYO 09291848 CT1HZE 559 50.097 PEIMZS 09291848 CT1HZE 579 50.097 ONSPU 09291913 CT1HZE 529 IM57>J031 50.097 DLIEAP 09291917 CT1HZE IM57>JN35 50.097 IZ1DXS
09042024 SVISIX 559>JO62 50.040 B DD6EX 09060840 SVISIX 579 KM17>JN45 50.040 B I2WSG 09090808 SVISIX 579 KM17>JN5 50.040 B I2WSG 09130732 SVISIX 599 >JN79 50.040 B SVIER 599 >JN79 50.040 B SVIER 599 >JN79 50.040 B SVIER 599 >JO50 SVISIX 599	09231511 9H1AW 519 BSC 220' 50.110 SV1DH 09251430 9H1PA CLG COSTAS 50.111 5M4FL 09261429 9H1AW 519 BSC 220' 50.111 SV1DH 09261557 9H1AW 319>JM49OH 50.110 H ISOGGX 09271447 9H1AW CQ 539 BSC 50.111 SV1DH 09271524 9H1AW 51 BSC 50.110 SV1DH 09271525 9H1AW 529 50.110 SV1EN 09281423 9H1PA 519 QSB 50.110 SV1EN	ROMANIA 07191142 VO2QC/P 59 /59 KN15SI>KN14 S Y07VS 07200445 Y06MP 55 /56 KN25TP S Y07VS 09061735 Y04BZC 50.110 D44TD 09061741 Y04RDN 50.110 D44TD 09081459 Y03ABT 50.120 IH9YIT 09130834 Y07VS CQ CQ 50.110 PF7M RUSSIAN FEDERATION
09231731 SVIDH 419 BSc 210' 50.110 9H1TX 09251420 SVIDH CQ CW 50.111 5M4FL 09251429 SVIDH CW 50.111 5M4FL 09271521 SVIDH CQ 52>JM49OH 50.110 H ISOGQX 09281416 SVIDH CQ CW 50.110 IOWTD 09281753 SVIOE CQ 59 50.110 CTIEPC 09281808 SVIOE 50.140 EB7NK 09291454 SVIDH 569 KM18>JN86EH .110 9A8A	09281648 9H1YZ 539 BSc 180* 50.180 MWIMFY 09281829 9H1YZ 579 JM75>JN86FJ .150 DLIFDH 09281836 9H1YZ 579 JM75>JN86FJ .150 9A4K 09281831 9H1YZ 57>JO80 50.150 H SP6MLK 09281851 9H1YZ 57 50.20 F4BIT 09281858 9H1YZ 57 50.150 G3NVO 09281952 9H1TM CQ 50.110 F77M 09281952 9H1TM CQ 50.110 INIAZJ 09301304 9H1SIX 599 JM75FV 50.025 B 9A8A	07260612 RU4CE 59 /59 LO31WX>KN14 S Y07VS SARDINIA 09211656 ISOGQX BRUNO 50.130 IH9YIT SCOTLAND 07212008 GM3YTS 579/579 QSB/QRM>KN14 C Y07VS
RELAND	MARKET REEF 07131014 0J0VR 599/599 >KN14 C Y07VS MOLDAVIA 09061738 ER5AA 50.110 D44TD	09041125 GB3LER 559 IP90JD>JN59 .064 B DB3NV 09161422 GB3LER 53A
07181125 I10P 59 /55 JM410F>KN14 S YOTVS 07281832 IK2/DK1WB 599/599 JM51CW-KN14 C YOTVS 07281832 IK2/DK1WB 599/599 JM51CW-KN14 C YOTVS 08101848 IW9GZF 59 /59 JM56XT-KN14 S YOTVS 08101939 IUJX IN/OUT 50.005 B PA00 09021952 IK5ZUL SUDDEN ES 50.020 B PA00 09040923 IW9GZR 55/57 JM56XT 50.110 DG2TOM 09041050 IW9GZR 51/55 PANTELLERIA HBWNNM 09041105 IW9GSC 57 50.130 PA1SIX 09041214 IW9GSC 43 QSB 50.130 GOCHE 09041317 IM5/WZKWI JM79>IO91 50.160 G3FPQ 09041312 IW5ACZ CQ JT6M 50.230 GOCHE 09041317 IWZKWI/8 IOTA EU-144 50.130 ONTGB 09041815 IZ1EPM 599 50.020 EITIX 09041918 IW3FZQ 599 50.001 B MW1MFY 09041928 IUJX 599+ 50.001 B MW1MFY	07091347 PAOHOP 599/599 JO31AU>KN14 C YO7VS 07130830 PAOEBLA 599/599 JO20UTS-KN14 C YO7VS 07190930 PA3C1P/P 599/599 JO20UTS-KN14 C YO7VS 07191032 PAOHA 559/579 JO22>KN14 C YO7VS 07191723 PAOHA 559/579 JO22>KN14 C YO7VS 07191750 PAOLOU 599/599 JO21IC>KN14 C YO7VS 07230859 PAOKDV 579/579 JO33BB>KN14 C YO7VS 08111718 PAOKDV 559/559 JO33BB>KN14 C YO7VS 08151744 PA3DXV 579/599 JO21Wa>KN14 C YO7VS 08151749 PA3DXV 579/599 JO21Wa>KN14 C YO7VS 09011949 PAOO 59-NN61 50.150 IKOFTA 09011949 PAOO 59-NN61 50.150 IKOFTA	09171350 GB3RMK 53A 50.060 B G4PCI 09171740 GB3LER 53A 50.064 B E171X 09181556 GB3LER 52A>1086AD 50.064 B E171X 09181560 GB3LER 51A CSS > 0.064 B CALDER 09181602 GB3LER 51A CSS > 0.064 B CALDER 09181602 GB3LER 51A CSS > 0.064 B CALDER 09181602 GB3LER 51A CSS > 0.060 B G4PCI 09181732 GM3WKZ 57A IO88 50.060 B G4PCI 09181732 GM3WKZ 57A IO88 50.060 B G4PCI 09181732 GM3WKZ 57A IO88 50.064 B MMOBSM 09191713 GB3LER 51A CSS 0.064 B MMOBSM 09191713 GB3LER 51A 50.064 B MMOBSM 09191713 GB3LER 51A 50.064 B E171X 09191939 GM6VXB MS 50.230 021DJJ 09241536 GB3LER 52A IO86AD 50.064 B MMOBSM SERBIA 50.064 B MMOBSM 50.064 B MMOB
09061093 12/CTE TERRIBLE NOTE 50.110 5B4FL 09061159 IW5DHN CQ JT6M 50.230 4PCI 09061247 IW5DHN MATTEO 50.230 J GOCHE 09061730 IH9YIT 50.110 D44TD 09061759 IH9YIT CQ NA 50.120 G3NVO 09061806 IH9YIT 55>NN73AN 50.120 G3NVO	09021920 PA2V CQ 50.110 GW3MFY 09041249 P17SIX 559 50.054 B 9H1TX 09041249 P17SIX 559 50.054 B 9H1TX 09131239 PA0HIP IN QSO 50.130 CMBLI 09280639 PELEWR CQ CQ 50.145 ON5QA 09280639 PELEWR CQ CQ 50.145 ON5QA 09281728 PEHWO 55 JO22>IM77 50.134 EA7OC NORWAY 07190941 LA2TD 599/599 JO59KR>KN14 C YO7VS 07191724 LA7KK 559/559 JO59×K>KN14 C YO7VS 07201235 LA9DL 59 /59 JO59KE>KN14 S YO7VS 07212037 LA4CGA 579/569 JO59K>KN14 C YO7VS 07212038 LA8EV 559/579 JD59KE>KN14 C YO7VS 072121238 LA8EV 559/59 JO59VE>KN14 C YO7VS 0721121 LA8WGA 579/569 JO59KS>KN14 C YO7VS 0723112 LA8WGA 579/569 JO59KS>KN14 C YO7VS 0731112 LA8WGA 59 /59 JO59KS>KN14 C YO7VS 09031240 LA1NG 57 JP66MH 50.140 PAORDY 09031245 LA5TFA JP99LQ>JO53F 50.135 DJ6FK 09031245 LA5TFA JP99LQ>JO53F 50.135 DJ6FK 09031250 LA5TFA 53 50.135 PAISIX 09061804 LA7ZKA JO69>LO53 50.110 E17IX 09061904 LA7ZKA JO69>LO53 50.150 E17IX 09061911 LA1QCA JO59>LO53 50.150 E17IX 09061914 LA7ZKA JO69>LO53 50.150 E17IX 09061154 LA6WGA 56 KQ10XM 50.144 OZIDPR 09172114 LA1VGA 51.20 JOKES 51.20 JOKES 51.20 DPR 09172114 LA1VGA 51.20 JOKES 51.20 JOKES 51.20 DPR 09172114 LA1VGA 56 KQ10XM 50.144 OZIDPR	07061014 YT1Z 59 /59 KN131J>KN14 S Y07VS 07061022 YT0A 59 /59 KN04U>KN14 S Y07VS 07181140 YU1FW 559/559 KN04>KN14 C Y07VS 070212045 YU7EF 079021910 YU1EU 09021923 YU1EU 09021948 YU1EU 599 50.110 GW3MFY 09021953 YU1EU 559 KN04DW>J031 1.08 PA00 09021953 YU1EU 559 KN04DW>J031 1.08 DF6WE
09210714 IW5EML/6 54 CQ 50.151 H LA6FV 09210723 IW5EML/6 59 LONG BURST 150 ISOGQX 09210729 IK4ADE CQ TEST 50.231 H OZIDJJ 09210843 IW8EBZ NA 50.160 ISOGQX 09210908 IZWSG CQ JT6M 50.230 G4PCI	09161754 LA66B 55A/57A JO59 50.097 OZIDJJ 09172104 LA6VCA 56 KQ10XM 50.144 OZIDPR 09172114 LA1YCA 51-2A JO45 50.130 OZIDPR 09172123 LA7SIX 599 AE 50.051 B OZIDJJ 09172124 LB1JF 56A JO45 50.130 OZIDPR 09172126 LA7VH 55A CQ 50.104 OZIDJJ 09172131 LA3TQ 579 AE JP99 50.098 OZIDJJ	SICILY 08151815 IT90ER 59 /59 JM67GX>KN14 S Y07VS 09171458 IT9RNW 59 50.110 9H1TX 09210907 IT9JLG CQ ITALIA TP 50.170 IS0GQX 09211327 IT9JLG CQ ITALIA WAIP .170 IW0BET 09301438 IT9JPQ WEAK CQ SSB 50.110 IK2GSO
09210950 IW5BML/6 57 BURST 50.151 H OZIDPR 09211036 IK4Q1F/4 CQ CONTEST 50.160 HB9FAX 09231717 IW9HDD 55 LAMPEDUSA 50.110 9H1TX 09271439 IOJX 53 BSC 50.120 SVIDH 09281327 IV3GBO 559 JN66OA>JN86EH 9A8A 09281551 IK4ADE CQ DX 50.110 H ISOGQX 09281610 IW5DHN 55 BSC 50.135 ISOGQX 09291619 IW9HDD 59+ JM65>IN94 50.115 F6FHP 09291946 IV3RYX CQ 50.125 CN8LI 09301247 IW9FQQ 599 JM76JU 50.110 9A8A 09301849 IQ4AD 51 QSB>JN45RP 50.058 B IW2CAM	POLAND 07130758 SP6LB 599/599 JO79UU>KN14 C YO7VS 07181347 SP9DSD 599/599 JO990KG>KN14 C YO7VS 07210712 SP8AWL 59 /59 K011GG-KN14 S YO7VS 07211545 SP4LXC 59 /59 K004VA>KN14 C YO7VS 07211520 SP4BY 579/579 XN14 C YO7VS 07212024 SP9CV 599/599 JO99OKN14 C YO7VS 07230807 SP1ALK 599/599 JO73GK>KN14 C YO7VS 07230807 SP1ALK 599/599 JO73GK>KN14 C YO7VS 09131213 SP9DSD JO90KS>IM88WV 50.110 EA5AGR	07212030 0M1BM 599/599 >KN14 C YO7VS 07212005 0M3LS 579/599 >KN14 C YO7VS 07212005 0M3LS 579/599 JN88NC>KN14 C YO7VS SLOVENIA 09021448 S55ZRS 569 JN76MC>JN77JE B 0E6BMG 09022007 S55ZRS 599 JN76>1090 50.022 B G7RAU
	PORTUGAL 09042017 CT0SIX S5 QSB >JN53 50.032 B IK5YJY 09131149 CT1HZE 57 IM57NH 50.130 OB5MPL 09131245 CT1HZE 59+>PANTELLERIA .110 IH9YIT 09131523 CT0SIX 559>JO23 50.031 B PEIM 09131527 CT0SIX 579>JO22IM 50.032 B DAZV 09131550 CT0SIX 559>JO41 50.032 B DAEVHR 09131553 CT0SIX 579>JO32 50.032 B DG5YIL	07201021 557KK CQ 557 BS 50.105 5V1DII

09131209 EH5AGR 59>J090 50.110 SP9DSD	09131223 GW6TYO CQ JN62FB 50.101 IW0GPN 09131251 MW1MFY CQ DX 50.110 CN8LI	09102328 VP5/K7BV 579 50.106 W4SO 09111012 VP5/K7BV CQ 219 50.106 K4RX 09111311 VP5/K7BV >EM10 50.106 B K5AB 09112337 VP5/K7BV CQ CQ 219 50.106 K4RX
09131215 EH5AGR 59 IM88>JO21 50.110 H PAISIX 09131226 EH5DIT QSB 50.130 SP9DSD 09131227 EH7OC 55 IM77OV 50.125 DH8IJ	Reports of North America	09121014 VP5/K7BV FL31 50.106 K4RX 09122012 VP5/K7BV 559 FL31 50.106 K4RX 09131151 VP5/K7BV CQ 319 FL31 50.106 K4RX
09131227 EH7OC 55 IM77OV 50.125 DH8IJ 09131521 EH1KV IN52 50.100 PA2V 09131541 EH3ERE 50.140 G4PCI 09131603 EH5AX CQ 50.110 MOBCG	ALASKA 09040455 KL7/KG0VL 55A 50.065 B VA6SZ 09040456 KL7NO 55A 50.125 VA6SZ	09131922 VP5/K7BV CQ CONTEST 50.106 K4RX 09132233 VP5/K7BV 59>GG51 50.110 PP5LD 09142056 VP5/K7BV CQ FL31 50.106 K4RX
09131607 EH5AX CQ DX 599 50.110 PA2V 09281537 EH7BVD 59 50.110 MW1MFY 09281607 EH7HZ >JO21 50.131 FA7FM	CANADA	VIRGIN IS.
09281608 EH7HZ IM76>JO21 50.131 PA1SIX	09012037 VE3UBL FN03>DN70 50.059 B K0GU 09012314 VE3KZ 50.139 K5WA 09020018 VE3KSK FN03 CQ 50.125 K5IX	
09281614 EH7HZ IM76 50.130 PEIM 09281616 EH7HZ 59 50.130 MWIMFY 09281624 EH7HZ IM76SR 50.131 ON4LO 09281626 EH7HZ 41 >JO40LN 50.131 H DL2FDL	09020018 VE3KSK FN03 CQ 50.125 K5IX 09020019 VE3KHZ 50.150 K5IX 09040447 VE8BY 599+ 50.048 B VA6SZ 09040453 VE4ARM 539A 50.018 B VA6SZ 09041338 VE1SMU 539 50.001 B K1GUN	09011412 K1GBX FN42 TROPO 50.125 NW5E 09011418 W1/K7BV 449 50.125 NW5E 09011418 W1/K7BV >ENJS2 STRONG Sc W9RM
09281629 EH7HZ 59 >JO01 50.131 H G7KHF 09281634 EH7HZ 43 >JO40LN 50.131 DL2FDL 09281636 EH5AX IM98>1090 50.120 G0CHE	09040451 VE4ARM 539A 50.018 B VA6SZ 09041339 VE1SMU 539 50.001 B KIGUN 09200208 VE8BY 529 VY STEADY 50.048 B VA6SZ 09211444 VE4VHF 52A 50.036 B VA6SZ 09240412 VE7FG CO83>BP54 AUES 50.032 B KI7NO 09240434 VE7FG CO83>FN44 AUES 50.032 B KITOL 09240517 VE6EMU DO33 55° AU 50.041 B VE7SKA	09011427 W1/K7BV DENNIS FN31>FN10 W3PT 09020021 NIRT 50.192 W9RN 09020122 WN1E 599 EN82>EM17 50.095 NOJK
09281636 EH5AX IM98>1090 50.120 GOCHE 09281638 EH5AX IM98>1053 50.120 EI71X 09281640 EA/LAACW 59+ 50.160 MWIMFY 09281644 EH5EI IM98>1053 50.140 EI71X	09240412 VE/FG C083>BP54 AUES 50.032 B KL/NO 09240434 VE7FG C083>FP54 AUES 50.032 B K1TOL 09240517 VE6EMU DO33 55* AU 50.041 B VE7SKA	09020143 WN1B EN82>EN83 50.099 K8DD 09020149 N1WON EL89 50.130 N1RT 09131826 W1/W2SZ FN32 50.125 K1TTT
09281650 EH5AX 59 50.120 PA2V 09281653 EH7BYM CQ 50.110 PE1HWO 09281708 EH7CD 50.130 PA2V 09281711 EH7BYM 50.150 PA2V	O9240517 VEGEMU DO33 55° AU 50.041 B VE7SKA COSTA RICA 09070242 T17WAM 559 50.110 PY1RO 09130000 T15KD EJ79 50.110 PP5JD 09210158 T15KD 59+ EJ79>F107 50.110 HC2FG 09212116 T12NA WEAK 50.110 NW5E 09212200 T12ALF 55 EJ79>EL98 50.175 NW5E 09222213 T15KD CQ DX 50.110 K4RX 09250027 T18/WD9ARG 59>G551 50.125 PP5LD 09270031 T18/WD9ABG 55>G551 50.110 PP5LD DOMINICAN REPUBLIC 09132028 H13TEJ 50.099 H13NR	09131920 WBIGOR FN33 VT 50.175 KITTT 09132146 KIWHS 55 50.167 H K4EA 09140157 KIWHS 55 50.167 H K4EA
09281711 EH7BYM 50.150 PA2V 09281711 EH7CD 59/59 IM86RQ 50.130 DLIEAP 09281716 EH7BYM 55/59 IM66UM 50.150 DLIEAP	09130000 TI5KD 50.110 PY40Y 09190003 TI5KD EJ79 50.110 PP5JD 0021015 TI5KD EJ7 50.110 PP5JD 0021015 TI5KD 00	09140202 W1/W2SZ 50.127 K4EA 09140423 K1WHS FN43 50.140 W8WDX 091441314 K1WHS FN43 50.140 W8WDX
09281721 EH7KS IM86SU 50.160 PE1HWO 09281748 EH2JE JESUS CLG CQ 50.170 ONIDNF 09281750 EH2JE CQ IN92 50.170 G3WZT	09212116 TI2NA WEAK 50.110 NW5E 09212200 TI2ALF 55 EJ79>EL98 50.175 NW5E	09141218 KIFO FN31 50.145 W8WDX 09141243 W1/W2SZ FN32 50.127 VY2RU
09281818 EHACTF/P 59 IM89MD 50.110 PF7M 09281819 EH5AX 59 IM98 50.120 PF7M 09291926 EH7BYM CQ SSB 50.110 IK2GSO	09250027 T18/WD9ABG 59>GG51 50.125 PP5LD 09270031 T18/WD9ABG 55>GG51 50.110 PP5LD	09141247 KWHS VHF CONTEST 50.166 VE9DX 09141755 KITR FN44 50.137 VY2RU
09291927 EH7DJQ CQ 59>JN35 50.110 IWIAZJ 09291930 EH7BYM CQ 57 50.150 F1TDF 09291949 EH7BYM 59 50.130 IZ1DCD	DOMINICAN REPUBLIC 09132028 HI3TEJ 50.099 HI3NR	09141818 WI/W252 FN32 50.127 VY2RU 09141923 KV1J FN44 50.147 VY2RU
SVALBARD	09132225 HI8/VE2NSM 59>GG51 50.110 PP5LD	United States, W2 09012332 wa2RQC FN23>EL96 50.134 K9VV 09020006 K2EY 59 FN02>EM17 50.150 N0JK
09031930 JW5six 579 KQ26>KP15 50.046 B SM2CEW	09212208 VS2MRI, 54 EK53>EL98 50 110 NWSE	09020049 K2AXX CQ 50.099 W5DN 09020230 W2GFF 579 EM60>DN70 50.099 K0GU
SWEDEN 07130600 SM3JGG 599/599 JP71TJ>KN14 C Y07VS 07130638 SM7SPG 599/579 J066>KN14 C Y07VS	09212239 YS2MRL 57 JOSE 50.110 K4RX 09212300 YS1JGR 54 EK53 50.110 NW5E 09212304 YS1JBL 50.110 K4UTE 09250040 YS2MRL 57>GG51 50.110 PP5LD	09061448 W2LIS 50.125 KCZTN 09140029 W2FU WNY FN13 50.162 K3JT 09140021 N2PA 50.185 K4EA
07190951 SM0FSM 559/599 J099LS>KN14 C Y07VS 07190957 SM3EVR 559/599 JP82QG>KN14 C Y07VS 07191718 SM6CRA 599/599 J057>KN14 C Y07VS 07191726 SM5AOG 599/599 JP80>KN14 C Y07VS	GUADELOUPE	09141220 W2EA FN21 50.180 KITTT 09141726 N2PA FN12 50.185 KITTT 09142025 W2FU FN13 50.152 KITTT
07191726 SM5AOG 559/599 JP80>KN14 C YO7VS 07210819 SM0BSB 579/599 J0991S>KN14 C YO7VS 07211611 SM7IWG 57 /59 J0771P>KN14 S Y07VS		09201242 KC2HDR FM29>EL98 TR 50.125 NW5E United States, W3
07212012 SM7XQZ 599/599 JO65MO>KN14 C YO7VS 07212023 SM0ELV 599/599 JO89UL>KN14 C YO7VS 07281733 SM0BSO 599/599 JO99BG-KN14 C YO7VS	MARTINIQUE 09072329 FM1DQ 59>GG51 50.110 PP5LD 09080114 FM5WD 59>GG51 50.110 PP5LD	09012322 W3UUM EL29>FN00 50.165 K3HX 09012333 N3DB FM18 50.155 K5IX 09012346 K3UL 50.138 K5IX
07281736 SMOLQB 599/559 JO89XK>KN14 C YO7VS 08151741 SMOBSO 569/599 JO99BG>KN14 C YO7VS 08151747 SM4ANQ 599/599 JP700C>KN14 C YO7VS	MEXICO 09050103 XPIX 59 TOTA 162 DM11 125 N6XO	09020045 W3HH EN90>DN70 Es 50.068 B K0GU
08151802 SM7EPO 59 /59 JO89XM>KN14 S YO7VS 08151834 SM7AFI 55 /559 >KN14 C YO7VS 09061914 SM5CEU JO78>1053 50.150 EITIX	09051651 XF1K	09131912 W3SO 50.160 WM3T 09132158 W3KN 50.181 KITTT 09140128 W3KUM 50.150 AB5K
09140810 SM5LE 3DB 12 SEC 50.235 J 9A1Z 09140827 SM5LE CQ JT6M 09172127 SM5LE 55A J065>J099 50.100 0Z1DJJ	09080052 XE2MX 175° DM11>CN88 50.125 H VE7SKA 09210200 XE1KK 599>F107 50.023 B HC2FG	09141157 K3ZO 50.130 VE9DX 09141202 K3ZO 50.129 K4EA 09141245 W3DOG 50.145 K4EA
09172127 SM5LE 55A JO65>JO99 50.100 OZ1DJJ 09172129 SM0GWX 57A JO45 50.130 OZ1DFR 09281847 SH1YE OP SILVIO 50.150 IT9IMJ	09050103 XP1K 59 10TA 162 DM11 .125 N6XQ 09051651 XP1K 59 10TA 162 DM11 .125 N6XQ XE2MX N6XQ 09071755 XE1KK >DL44 B XE2HWB N9071755 XE1KK >DL44 B XE2HWB N9210200 XE1KK 599>F107 50.023 B HC2FG 09210214 XE1AQY 58>F107 50.110 HC2FG 09251627 XE1KK >DL44 B XE2HWB N9292203 XE1BEF 59 >GG51 50.110 PP5LD NICARAGUA	09141248 K3ZO 50.142 K4EA 09141548 K3ZO 50.142 K4EA
SWITZERLAND 07130922 HB9DDZ 599/599 JN47AN>KN14 C Y07VS	09212333 YN9HAU EK63>EL29 50.115 K5IX	
07181143 HB9CRX 599/599 JN37PD>KN14 C Y07VS 07181212 HB9LCW 599/599 JN46SW>KN14 C Y07VS 07210754 HB9HLM 599/599 JN36KX>KN14 C Y07VS	D. 37.36.	United States, W4 07061002 w44J 579/559 FM08sc>KN14 C Y07VS
07211937 HB9BQB 579/579 JN47UJ>KN14 C Y07VS 07212034 HB9BQB 559/599 >KN14 C Y07VS 09121251 HB9KNA CQING Es? 50.110 EI3IO	09260013 HP3XUG 59>GH64 50.110 PT2GE	07061002 W4TJ 5797559 FM08SC>KN14 C YO7VS 09011448 N4JDB EM64>EM40 50.125 W5CIA 09011524 KQ4E EM66>EM17 WEAK ES .067 B NOJK 09011936 W4CLM 50.069 B KOGU 09011938 NA4M 50.135 AF9R 09011938 NA4M 50.135 AF9R 09012313 WB4TJO EM60>FN00 50.136 K3HX 09020012 K4RX EM70>EM50>FN00 50.136 K3HX 09020012 N4OX EM60 50.147 W9RN 09020025 WC4H EL95 50.141 AB4GG 09020107 K14ADK EM90>EM50 50.150 KN4QS 09020145 KD4HEG 559 EM73>EM17 50.270 NOZNA 09020151 KD4HLG 559 EM73>EM17 50.074 B NOJK 09020157 K4TOR EM63>NOTO 50.155 K0GU 09080135 KA4VMP FM08 ED VA 50.125 NAECC 0910137 W4CHA 50.074 B NAIECC 0910137 W4CHA 50.079 B WALECF 09131845 W4FP 50.132 KA4RRU 09131825 W4BFB 50.155 K8YC 09131825 WAFFB 50.132 KA4RRU 09140238 WANNW SSB 50.138 K8YC 09140238 WANNW SSB 50.138 W4FOT 09140252 WANH EM85 50.145 W4FOT 09140253 WD4OAR CONTEST>EM75 50.130 W4DUP
09281630 HB9SJE 50.110 H CN8LI	09070054 KP4RP 549 FLUTTER 50.110 PY1RO 09122259 WP3KJJ 59 50.110 PP5LD	09011938 NA4M 50.135 AF9R 09012313 WB4TJO EM60>FN00 50.136 K3HX 0902013 K4PX FM70>FN52 50.099 W9PN
07200607 UX01B 59 /55 KN88VA>KN14 S Y07VS 07260610 UY51F 59 /59 KN88SR>KN14 S Y07VS	09122320 KP4KFB 59++ 50.115 PY51P 09122325 WP4AZT 53>GG51 50.110 PP5LD 09122338 KP4FKB 55>GG51 50.115 PP5LD	09020025 N4OX EM60 50.147 W9RN 09020052 WC4H EL95 50.141 AB4GG
07260906 UR5GF 599/599 KN76AN>KN14 C Y07VS 07261021 UX11M 599/599 KN88PB>KN14 C Y07VS 07261516 US5CCO 59 /59 KN59XG-KN14 S Y07VS	09130018 WP4KJJ 50.110 PY2RO 09182131 WP3YM 55 50.110 K4RX 09182216 KP4EIT 59>EL89 JOSE 50.110 N1RT	09020145 KD4HLG 559 EM47 50.210 NOZNA 09020151 KD4HLG 559 EM73-EM17 50.074 B NOJK
07281318 UY9QY 59 /59 KN770U-KN14 S Y07VS 07281330 UT3LA 599/599 KO80DC>KN14 C Y07VS 07281345 UT4CB 579/599 KN69TD-KN14 C Y07VS	09182231 WP4NT 50.110 N1RT 09202340 WP4KJJ 59>GG51 50.110 PP5LD 09222341 KP4HX 59>GG51 50.110 PP5LD	09080135 KA4VMP FM08 ED VA 50.125 N4BCC 09101337 W4CHA 50.079 B WA1ECF
08300858 UY5QY 59 /59 KN77OO>KN14 S Y07VS 08300859 UR5QDM 599/599 KN77HM>KN14 C Y07VS 09020748 UU5SIX 579 KN74AL 50.080 B 988A	09242312 KP4HX 57>GG51 50.110 PP5LD 09250115 WP4KJJ CQ CQ 50.110 PP5LD 09292337 WP4NEG 59 >GG51 50.110 PP5LD	09131845 W4BFB 50.135 K8YC 09131845 W4IY 50.132 KA4RRU 09132254 AA4ZZ BLUE RIDGE EM96 .138 K8YC
09032213 UU5SIX 559-579 >JN55UR .079 B IK3CHK 09040816 UT5G 579>JN53OQ 50.084 B IZ5EKV 09040835 UT5G 599>JN53 50.083 B IW5DHN	09292357 WP4NEG 50.110 PY2DSC CT RADTHF! FMV	091400238 W4NKW SSB 50.132 W4FOT 09140252 W4NH EM85 50.145 W4FOT
09040847 UU5SIX 579 >JN67 50.080 B DL3LFA 09040848 UT5G 579 KN66>JN67 50.084 B DL3LFA 09040910 UR5QDM KN77HM 50.110 IOWTD	09072332 FJ5DX 59+>GG51 50.110 PP5LD 09112314 FJ5DX 50.110 PY4OY	09140253 WD40AR CONTEST>EM75 50.130 W4DUP 09140310 W4NH >EM85 50.145 W4DUP 09141320 KB4PQ FM04 50.173 K4EA
09041808 UT5G 599-J032 Es 50.084 B DG5YIL 09041809 UR5QDM 599 50.110 DL3AMA 09041811 UT5G 599 50.084 B DL3AMA	09122249 FJ5DX 59+ 50.110 FY2FF2 09122249 FJ5DX 59+ 50.120 PP5LD 09122340 FJ5DX 59+ 50.105 PY5IP	09182159 N4RFN 59+ ELB/>FR68 50.110 WP4NIX 09182159 KD4ESV 58 ELB/>FR68 50.110 WP4NIX 09230003 W4/K9VV 55 BOCA RATON .110 WP4NIX
09041813 UT5G 539-579 50.083 B PAISIX 09061127 UT5G 599 50.084 B 9H1TX 09061635 UX0CX 50.110 D44TD	09132215 F05DX 59+ 50.110 PP5LD 09132249 FJ5DX 52>GG51 50.110 PP5LD 09190028 FJ5DX 50.110 PY2RO	09240028 W4/NL7AU 57>GG51 50.110 PP5LD
09130642 UT5G 579>JN61 50.084 B IKOFTA 09130650 UU5SIX 559 >JN61 Es 50.080 B IKOFTA 09130737 UY9QY 55 KN77>JN62FB 50.150 IW0GPN	09220131 FJ5DX 59 FFK60 50.110 YV1DIG 09240020 FJ5DX 57 50.110 PY2FFZ	United States, W5 09010000 KYSR AL - MD 50.135 KE3Q 09011424 KDSMDV PM03
WALES	ST KITTS & NEVIS IS. 09182317 V44KAI 579 FK87>EL97 50.055 B K4MM	09011458 NWSE SC >EN52 50.125 W9RM 09011640 K5DYY 51 EL07>EM47 50.130 NOZNA
071191643 GWJJXN 599/589 1072>KN14 C Y07VS 07211614 MW1IRW/P 59 /59 1083JB S Y07VS 07230804 GWJKJW 599/599 1072PP>KN14 C Y07VS	09302327 V44KAI 599 FK072EL97 50.055 B K4MM 50.055 B PYIRO	09011923 WSHEZ EM40-EN36 50.125 KOKP 09011924 NSGFK EL59-EN36 50.125 KOKP
U8151836 GW3LEW 559/579 IO71PS>KN14 C YO7VS	TURKS & CAICOS	09140254 AA42Z BLUE RIDGE EM96 .138 K8YC 09140046 W41Y 09140238 W4NKW SSB 50.138 W4FOT 09140252 W4NH EM85 50.135 W4FOT 09140253 WD40AR CONTEST>EM75 50.130 W4DUP 09140310 W4NH >EM85 50.145 W4FOT 091403120 KB4FQ FM04 091413120 KB4FQ FM04 09182153 NAFRN 59+ EL87>FK68 50.110 WP4NIX 09230103 W4/K9VV 55 BOCA RATON .110 WP4NIX 09230103 W4/K9VV 55 BOCA RATON .110 WP4NIX 09230102 NATL 59>GG51 50.110 PP5LD 09240028 W4/NL7AU 57>GG51 50.110 PP5LD United States, W5 090110424 KD5WDV EM03 50.125 W9KM 09011424 KD5WDV EM03 50.125 W9KM 09011458 NW5E SC >EN52 50.125 W9KM 09011454 K5DTY 51 EL07>EM47 50.130 NOZNA 09011923 W5HEZ EM40>EN36 50.125 KOKP 09011924 N5GFK EL59>EN36 50.125 KOKP 09011927 W5VAS 599 EM40>EN36 50.125 KOKP

09011943 W5TFW 59 EM40>EN36 50.125 K0KP 09011945 KD5CMJ 50.125 VC3NE 09011946 KD5NVE EM40>EN36 50.125 K0KP 09011946 KD5NVE EM40>EN36 50.125 K0KP 09012013 N5RG EM12 50.128 KB8GC 09012057 KB5WYF FM16>EL29 50.125 K04QMI 09012106 K5UIC FM16>EM32 50.135 K04QMI 09012112 W5ZL FM16>EM32 50.135 K04QMI 09012112 W5ZL FM16>EM32 50.135 K04QMI 09012112 W5ZL FM16>EM10 50.135 K04QMI 09012113 W5CIA FM40>FN00 50.135 K3HX 09012315 W5CIA FM40>FN00 50.135 K3HX 09012317 K5QE EM31>FN00 50.135 K3HX 09012318 W5FME EM22>FN00 50.135 K3HX 09012336 N5TML EM14>FN00 50.130 K3HX 09012317 K5QE EM31>FN00 50.130 K3HX 09012356 K5QE EM31>FN00 50.130 K3HX 09012356 K5QE EM31>FN00 50.130 K3HX 09012356 K5QE EM31>FN00 50.130 K3HX 09012354 K5UIC CW 50.094 K3HX 09012355 K5QE EM31 LOUD 50.095 K3HX 09012355 K5QE EM31 LOUD 50.094 K3HX 09012359 W5DAS EM42 LOUD 50.094 K3HX 09012359 W5DAS EM42 LOUD 50.091 N4DB 09020011 N5WX FM16 5X5 50.155 K04QMI 09020014 KD5NVE EM40>FN00 50.091 N4DB 09020014 KD5NVE EM40>FN00 50.091 N4DB 09020014 KD5NVE EM40>FN00 50.160 K3HX 090020031 W5CIA EM3>FN00 CW 50.096 K3HX 090020031 W5CIA EM45>FN00 CW 50.096 K3HX 090020031 W5CIA EM40>FN00 50.160 K3HX 090020031 W5CIA EM40>FN00 50	997/9931 VK4RTL 599 50.088 B JRZHCB 09071007 VK4CXQ CW CQ 50.110 JRZHCB 09081004 VK4RTL 50.088 B JRZHCB 09081004 VK4RTL 50.088 B JRZHCB 09100608 VK4RTL 50.087 B JG3LEB 09101026 VK4RTL 50.087 B JG3LEB 09101026 VK4RTL 50.087 B JG3LEB 09101026 VK4RXQ CQ CW 50.110 JG3LEB 09200936 VK4ABP 52.347 B JG3LEB 09200946 VK4CXQ CQ CW 50.110 JG3LEB 09200946 VK4CXQ CQ CW 50.105 JG3LEB 09200951 VK4CXQ CQ CW 50.105 JG3LEB 09200951 VK4CXQ CQ CW 50.105 JG3LEB 09200951 VK4CXQ CQ CW 50.105 JG3LEB 109200951 VK4CXQ CQ CQ CW 50.105 JG3LEB 10920097 JG3LEB 10920097 JG3LEB 10920097 JG3LEB 10920097 JG3LEB 1	09050635 VK8GF SSB 50. 09051050 VK8RAS 50. 09051122 VK8MS CQ SSB 50. 09061108 VK8MS CQ SSB 50. 09061109 VK8MS CQ SSB 50. 09081311 VK8MS CQ SSB 50. 09100406 VK8RAS 50. 09100406 VK8RAS 539>PM37 50. 09100641 VK8RAS 539>PM37 50. 09100641 VK8RAS CQ CW 50. 0910948 VK8RAS CQ CW STRONG 50. 09210126 VK8MS CQ CW STRONG 50. 09220902 VK8RAS CQ CW STRONG 50. 09220902 VK8RAS 559 09240852 VK8RAS 50. 09250342 VK8RAS 50. 09250342 VK8RAS 50. 09250350 VK8RAS 50. 09261042 VK8RAS 50. 09261042 VK8RAS 50. 09270421 VK8RAS 599 50. 09270503 VK8RAS 599 50. 09301333 VK8RAS 50.	.110 JG3LER .0047 B JG3LEB .110 JG3LEB .110 JG3LEB .110 JG3LEB .110 JG3LEB .110 JG3LEB .110 JG3LEB .047 B HJL1LTC .047 B JR2HCB .047 B JR2HCB .110 JG3LEB .047 B JG3LEB
09290059 K5USS 50.125 KA5PYF United States, W6 09080049 N6RMJ DM13>CN87 50.1 N7EPD	09270254 VK4RGG 50.058 B JH7XRZ 09270309 VK4PU CW 599 50.104 JH7XRZ 09270405 VK4RTV/P SSB 53 50.110 JH7XRZ 09281043 VK4ABP >PM85 52.347 JR2HCB 09300415 VK4TZL 59+ 50.110 JG3LEB	09080707 T88VC CW 50. 09080721 T88VC 599 50. 09080747 T88VC RTTY CQ 50. 09080813 T88VC RTTY 50.	.109 JG3LEB .120 HL1LTC .120 JF3KON .089 JL1UXH
09061145 KYSR 53-7 EM64>FM29 50.125 W5KI 09071140 K5YR 50.130 NA9Q 09080231 N5UM EM13>CN91 50.125 NT6K 09131858 KYSR 50.135 K4EA 09132210 AB5K 50.135 K4EA 09142147 N5RUX/R EM21 50.125 AB5K 09290059 K5USS 50.125 KA5PYF United States, W6 09080049 N6RMJ DM13>CN87 50.125 KA5PYF United States, W6 09080059 W67P 50.125 M14>CN88 T VE7SKA 09080059 W67P CM87>DM14>CN88 T VE7SKA 09080059 K6PV CM87>DM14>CN88 T VE7SKA 090800202 K6PV CM87>DM14>CN88 T VE7SKA 090800202 K6PV CM87>DM14>CN88 T VE7SKA 09131815 N6N EN61 50.130 K9DX O9131815 N6N EN61 50.130 K9DX N6DKP United States, W7 09080109 W47PPO 57 DM54>CM88 K6PV M6PV M6PV 50 M58 K6DXY SCM88 B K6DXY	09300450 VK4ABP 52.347 B JG3LEB 09300542 VK4ZRT CQ SSB 50.110 JG3LEB 0930097 VK4BLK CQ SSB 50.110 JG3LEB 09300957 VK4RTL 50.087 B JG3LEB 1001010 VK4 VIDEO S9++ >CM88 46.172 V K6QXY	GUAM 09021149 KG6DX 59+ 50. 09080811 KH2GR SSB 50. 09080827 KH2GR 59 50. 09120822 KG6DX 59 50. 09120822 KG6DX 59 50.	.110 VR2XMT .110 JG3LEB .110 HL1LTC .110 DS1CCU .110 VR2XMT
United States, W7 09080109 WA7FPO 57 DM54>CM87 09080120 WA7X 09080120 WA7X 09080120 WA7X 349 >CM87 09080133 KG7HGO 57 DN31>CM87 09080130 KG7HGO 57 DN31>CM87 09080130 W75CQ CN98>DN70 Es 50.061 B K0GU 09100323 W7GJ JT44 EME QSO 50.190 J PAIT 09140237 W77X DN05 50.125 N7JO	VY eSt Australia- Y k0 09020949 VK6RSX CN 50.304 B JE2XBY 09021202 VK6RSX 50.304 B JG3LEB 09030820 VK6RSX 50.304 B JG3LEB 09030924 VK6RSX 50.304 B JR2HCB 09031017 VK6RSX 599 50.304 B HL1LTC 09031033 VK6JJJ CQ SSB 50.110 JG3LEB 090406648 VK6RSX CN 559 50.304 B HL1LTC 09050833 VK6RSX 50.304 B JG3LEB	HAWAIIAN IS. 09051625 KH6HME TROP 144.170/432. 09080146 NH7RO 59>GG51 50. 09260155 NH7RO 57 50. 09260157 KH6IAA CQ DX 50. 10010240 KH6SX 55 50.	.078 B K6QXY .110 PP5LD .110 PY1RO .110 PU2WDX .110 PU2WDX
O9080202 K6FV CM87>DN70	09060753 VKGRSX 50.304 B JG3LEB 09070440 VKGRSX 50.304 B JG3LEB 09070847 VKGRSX 50.304 B JG3LEB 0907087 VKGRSX 50.304 B JG3LEB 09071206 VKGRSX 50.304 B JG3LEB 09081119 VKGRSX 50.304 B JG3LEB 09091011 VKGRSX 50.304 B JG3LEB 09091010 VKGRSX 50.304 B JG3LEB 09091010 VKGRSX 50.304 B JG3LEB 09091020 VKGRSX 50.304 B JG3LEB 09100823 VKGRSX 090991020 VKGRSX 50.304 B JG3LEB 09100825 VKGRSX 50.304 B JG3LEB 09100825 VKGRSX 50.304 B JG3LEB 09130837 VKGRSX 50.304 B JG3LEB 09130837 VKGRSX 50.304 B JG3LEB 09180825 VKGRSX 50.304 B JG3LEB 09190850 VKGRSX 50.304 B JG3LEB	INDONESIA 09011357 YC1DDU , YC001L 09011407 YC1EHR CQ SSB 50. 09071250 YC1MH QRZ SSB 50. 09071318 YC1BGC CQ SSB 50. 09081355 YB0CBI CLG A45xR 50. 09081408 YB9AY CLG QRZ 09090814 YC1MH CQ SSB 50. 09090823 YC1MH 59>PM37 50. 09170704 YC1MH SSB CQ 09170706 YC1MH SSB CQ 09170706 YC1MH SSB 50. 09170730 YB1BGI CQ SSB 50. 09301534 YF1OO CQ CW 50.	.110 VR2XMT .110 VR2XMT .110 JG3LEB .110 JG3LEB .110 VR2XMT .110 VR2XMT .110 JG3LEB .110 HL1LTC .130 HL2FDW .110 JG3LEB .110 JG3LEB .111 YB0DPO
09170148 WBBRVK EN55>EN36 AUR 50.125 KUKP 09201211 WBZES FN02>EL98 50.125 NWSE 09302103 NBCJK 559 MS 50.125 NWSE United States, W9 09012029 N9EX EN52>EM13 50.135 KA5FYF 09012030 K9HUY EL86>EM58 50.130 KI9A	09190911 VK6JQ 559>PM37 50.112 HLLLTC 09190914 VK6JQ CQ CW 50.112 JG3LEB 09200738 VK6RSX 50.304 B JG3LEB 092010104 VK6JQ CQ CW 50.115 JG3LEB 09201104 VK6RSX 50.304 B YALD 09201202 VK6RSX 539>PM85 50.304 B YALD 092012006 VK6RSX 539>PM85 50.304 B JG3LEB	09040607 V73SIX 50. 09040946 V73SIX 50. 09120830 V73SIX 50. 09240600 V73SIX 529 50. 09240815 V73SIX 50. 09270500 V73SIX 529 QSB 50. 09300431 V73NS CW 50.	.014 B JG3LEB .014 B JG3LEB .014 B JR2HCB .014 B JE2XBY .014 B JG3LEB .014 B JE2XBY .110 JG3LEB
09012054 K9VV EL98-EM58 50.150 K19A 090122353 KC9CCG EM69 50.125 NIRT 09020013 N9CDX EN41>EL89 50.145 NIRT 09020115 K9AKS EN41>EL89 50.142 NIRT 09020138 N9WQ 50.130 KA5FYF 09030041 WK9V 090131813 K9NS EN52 50.137 K9DXR 09132056 K9NS EN52>DN70 50.137 K0GU 09141301 W9ICE EN60 50.148 K4WW 09141631 K9NS ONLY SIG 50.137 K9DXR 09142316 K9NS 09150107 K9NS EN52>EM52>EM58 LOUD 50.137 AF9R 09150107 K9NS EN52>EM58 LOUD 50.137 AF9R	09220805 VK6RSX 50.304 B JG3LEB 09220841 VK6RSX 59>PM37 50.304 B JG3LEB 09220941 VK6RSX 59>PM37 50.304 B HLILTC 09221037 VK6Q0 CQ CW 50.110 JG3LEB 09230823 VK6RSX VY CLEAR 50.304 B YAID 09230851 VK6RSX VY CLEAR 50.304 B YAID 09230957 VK6RSX 50.304 B JG3LEB 09230907 VK6RSX >PM85 SSTV QRM .304 B JG3LEB 09241033 VK6Q0 CQ CW 50.113 JG3LEB 09250723 VK6RSX 59089>PM85 50.304 B JG3LEB 09250741 VK6RSX 59 OG89>PM85 50.304 B JG3LEB 09250741 VK6RSX 59 OG89>PM85 50.304 B JG3LEB 09250804 VK6QQ CQ CW 50.110 JG3LEB	MICRONESIA 09030805 V63KA CQ SSB 50. 09080715 V63KA SSB 50. 09080733 V63UB 50. 09240543 V63SC CQ SSB 50. 09240810 V63SC CQ 50. 09250603 V63SC CQ SSB 50. 09280458 V63SC CQ SSB 50.	.120 JG3LEB .130 JG3LEB .133 JA3BZC .120 JG3LEB .110 JH4VDP .120 JA5XAE .120 JG3LEB
United States, W0 09020400 WOVD 09020407 KNOWN 50.4 BN 20172 NAMED TO 1722 09020400 WOVD 09020407 KNOWN 50.4 BN 20172 NAMED TO 1722	09250925 VK65Q CQ PH12 50.112 JR2HCB 09250927 VK65Q SB 50.110 JG3LEB 09260513 VK6RSX 0G89>PM85 50.304 B JG3LEB 09260902 VK6RSX VY CLEAR 50.304 B JR2HCB 09260917 VK6JQ 50.110 YA1D	09041006 C21SIX 050 09051014 C21SIX VY GOOD 50 09051014 C21SIX 519 QSB 50 09070912 C21SIX WEAK 50 09070916 C21SIX WEAK 50 09240423 C21SIX LOUD 50	.038 B JG3LEB .038 B JR2HCB .038 B JE2XBY .038 B JR2HCB .038 B NA9Q .038 B JR2HCB
09020027 KCOPCL EM17 09020039 KOCTY EM17>FN00 09020039 KOCTY EM17>FN00 09020046 KCOPCL EM17>FN00 09020030 KOYNE EN00 09020103 KOYNE EN00 09020105 KOSQ CQ DX 59 09020108 KF0Q EN44 09020118 KOVTY 09020118 KOVTY 09020118 KOVTY 09020118 KOVTY 09020118 KOTY EM17 09020121 KEOLL EM29 09020129 WOLME S9 SD 09020125 KARX 09020154 KOHA S8 EM70>EN10 09020154 KOHA S8 EM70>EN10 09020201 KUUD 599 EM07>EM55 0.080 B N4LGY	09261030 VK60Q CQ CW 50.110 JG3LEB 09270756 VK6RSX 599 >PM37 50.304 B JG3LEB 092711102 VK6RSX 599 >PM37 50.304 B JG3LEB 09271132 VK6RSX 599 >PM37 50.304 B JG3LEB 0927115 VK6RSX 50.304 B JG3LEB 09280715 VK6RSX 429 >PM85 50.304 B JG3LEB 09290612 VK6RSX 50.304 B JG3LEB 09291119 VK6RSX 50.304 B JG3LEB 09291119 VK6RSX 50.304 B JG3LEB 09300553 VK6RSX 50.304 B JG3LEB	NEW CALEDONIA 09030905 FK8SIX FB 09030926 FK8SIX FB 09040823 FK8SIX FB 09040831 FK8EE CQ CW 50 09041027 FK8SIX 50 09050625 FK8SIX 50 09070910 FK8SIX 50 09080812 FK8SIX 50 09200809 FK8SIX 50 09208045 FK8SIX	.079 B JG3LEB .080 B JR2HCB .079 B JG3LEB .110 JG3LEB .090 B JR2HCB .079 B JG3LEB .079 B JG3LEB .079 B JG3LEB .079 B JR2HCB .079 B JR2HCB
99061305 NOUD IN AND OUT 50.069 B VACTTT 09080118 WOMTK 579 DM59>CM87 50.065 B K6FV 09080120 K0EC,WOMTK,WOIJT >CM88 B K6QXY 09080120 KAOCDN,NOLL >CM88 B K6QXY 09080122 K0EC 579 DM69>CM87 50.067 B K6FV 09080221 WOS EM48>EM76 50.125 W4DUP	09021012 VKBRAS CQ CW 50.110 JG3LEB 09021021 VKBRAS CQ CW 50.110 JG3LEB 09030508 VKBRAS 50.047 B JG3LEB 09030819 VKBRAS FB 50.047 B JG3LEB 09040755 VKBRAS 50.047 B JG3LEB 09050523 VKBRAS STRONG 50.047 B JG3LEB	NEW ZEALAND 09030300 ZL TV VID S1-5 45.240/ 09042300 ZL TV VID S1-5 45.240/	.260 V K6QXY .260 V K6QXY

PHILLIPINES	
09071332 DU7/N7ET CO CW	50.110 JG3LEB
09100838 DU1EV >PM85	50.008 B JR2HCB
09100907 DU1EV 599>PM37	50.007 B HL1LTC
09150900 DU1EV	50.008 B JG3LEB
09180846 DU1EV	50.008 B JG3LEB
09220719 DUIEV 599	50.008 B JE2XBY
09230811 DU1EV 579	50.008 B JG3HBO
09240726 DU1EV >PM85	50.008 B JR2HCB
09240754 DU1/GM4COK CW >PM85	50.110 JR2HCB
09240757 DU1/GM4COK CQ CW	50.110 JG3LEB
09250548 DU1EV	50.008 B JR2HCB
09250835 DU1BP CQ SSB	50.110 JG3LEB
09250842 DU1BP CQ PK03>PM85	50.110 JR2HCB
09250858 DU1EV PK04	50.008 B JR2HCB
09260700 DU1EV	50.008 JG3LEB
09260732 DU1EV 599	50.008 B HL1LTC
09270747 DU1EV	50.008 JG3LEB
09270827 DU1EV 599	50.008 HL1LTC
09280701 DU1EV 559	50.008 B JE2XBY
09301246 DU7/N7ET CQ CW	50.110 JG3LEB

Reports of South America

AKGE	NILINA				
09011951	LU7WW	50.110		K9SM	
09012016	LU7WW	50.110		AF9R	
09012023	LU7WW FE77>EN52	50.110		K9IJ	
09012026	LU7WW LOUD FE77>EM58	50.110		KI9A	
09012056	LU7WW FE77	50.110		W9RN	
09080058	LU7FA 57 >FK60	50.100		YV1DIG	
09151743	LU7YS NEW >PATAGONIA	50.086	В	LU8VCC	
09182055	LUSEHO W/KP4 >DL44	201000	Н	XE2HWB	
09190014	LU9HS	50,110	**	LU6HDF	
09191950	LU7YS FF49IU -2041	50.087	В	XE2HWB	
09202051	LU7WW 59	50.110	_	K5WA	
09202214	LU7YS WEAK FF49>EM10	50.086	В	AB5K	
09211914	LU7WW 59	50.110	-	K4RX	
09211946	LU7TS	50.086		K9VV/4	
09222302	LW1DZ 57 HORACIO	50.110		WP4NIX	
09230048	LUZEEO 55	50.110		K4RX	
09230055	LU3HR 55	50.110		K4RX	
09230221	LU9HS 58>FI06	50.110		HC3AP	
09230259	LU2NI 55>BK29	50.110		NH7RO	
09232354	LU9HS 59+	50.110		PY2FFZ	
09240001	LU9HS 57 FF78>FK68	50.110		WP4NIX	
09240031	LU1DMA 559>GH64	50.069	B	PT2GE	
09240042	LU9EHF 59	50.014	В	PY2FFZ	
09240118	LU5VV 59>GH64	50.014	D	PT2GE	
02240110	105VV 557GR04	50.110		FIZGE	

B	R	A	Z	IL

09042032	PP1CZ	519>IN94	50.082	F6FHP
09080156	PP5LD	55 GG51>BK29	50.110	NH7RO
09112342	PY8AZT		50.130	PY4OY
09112349	PP5LD	52 >GI58SN	50.110	PY8AZT
09210040	PS8DX	W/ PJ2BVU	50.110	PP5JD
09222024	PY1RO	W/ FOZBVO	50.110	CT3DL
09222135	PY1RO	59+ OP ROFL	50.110	WP4NIX
09222346	PP5LD	58 TONY 58	50.110	
09230228				WP4NIX
	PY2GR	58 >FI07	50.120	HC2FG
09230233	PY2PA	59+>FI07	50.120	HC2FG
09230236	PU2WDX	59+ GG66>FI07	50.120	HC2FG
09232138	PP1CZ	57	50.082 B	EA7OC
09232350	PT2GE		50.170	PP5LD
09232352	PY2TVI	58 OP CLAUDIO	50.125	WP4NIX
09240018	PT2GE	57	50.110	PY2FFZ
09252239	PY2BU	CQ	50.110	CT3DL
09270020	PY8MD	59 GG51	50.110	PP5LD
09270021	PY8MD	CQ DX	50,115	PP5LD
09270040	PY2AE	CQ SSB	50.110	HP2CWB
09271756	PP8KWA		50,110	CN8LI
09272140	PY1USK	CQ	50.110	CN8LI
09272153	PY1RO	41	50.110	9H1TX
09292141	PY1RO	59	50,110	CT1 FOH
09292347	PY7IO	52 >GG51	50,110	PP5LD

CHILE

09102040	CE MUSIC	>DL44 47	7.9,49.2	F	XE2HWB
09161946	CE MUSIC	47.9,48	3.3,49.2	F	XE2HWB
09181942	CE MUSIC	>DL44 47	7.9,48.3	F	XE2HWB
09191855	CE MUSIC	>DL44 47	7.9,48.3	F	XE2HWB
09211955	CE/MUZAK	S9	47.9	F	K4RX
09220053	CE/MUZAK	S9 NICE	49.2	F	K4RX
09230051	CE/MUZAK	57	49.2	F	K4RX
09230133	CE4WJK C	Q DX	50.125		K4RX
09230139	CE4WJK		50.125		K5VIP
09230316	CA2VDQ F	F47>FI07	50.110		HC2FG
09232033	CE4WJK C	Q CQ	50.110		CT3DL
09232332	CA2VDQ 58	OP.MARCELO	50.110		PT2GE
09241915	CE MUSIC	47.9,48	3.3,49.2	F	XE2HWB
09242206		S5 HVY QSB	47.9	F	K4RX
09251627	CE MUS -1	850 47.9,48	3.3,49.2	F	XE2HWB
09261921	CE MUSIC	47.9,48	3.3,49.2	F	XE2HWB
09270025		+ FF46>FK68			WP4NIX
09272304	XQ3SIX 4	19	50.111		9H1TX

CURACAO NETH ANTILLES

CULA	CAU	WILLI.	ANTILLES	
09080123	PJ2BV	55>GG51	50.110	PP5LD
09122357	PJ2BVU	55>GG51	50.110	PP5LD
09122359	PJ2BVU		50.120	PY40Y
09130053	PJ2BVU		50.110	PY2RO
09130107		59>GG51	50.110	PP5LD
09130202	PJ2BVU		50.120	PY4OY
09130209	PJ2BVU		50.110	YV1DIG
09202348	PJ2BVU	CQ DX	50.110	PP5LD
09210046		56>FI07	50.110	HC2FG
09230015	PJ2BVU	CQ	50.110	PP5JD
	PJ2BVU		50.120	LU2NI
09232312		52>GG51	50.110	PP5LD
09232336	PJ2BVU	55	50.120	PY2FFZ

09242338	PJ2BVU	59+	50.110	PY2FF2		
09250119	PJ2BVU	IN OSO?	50.110	PP5JD		
09260000	PJ2BVU	CO	50.110	PY2FF2		
09260145	PJ2BVU	COING	50.110	PY2RO		
09260302	PJ2BVU	57>FI07	50.110	HC2FG		
09270053	PJ2BVU	FK56	50.110	PY40Y		
09272312	PJ2BVU	59+ >GG54	50.110	PYSIP		
09282306	PJ2BVU	59 >GG51	50.110	PP5LD		
09290110	PJ2BVU	JEAN CLAUDE	50.110	PY2PA		
09290202	PJ2BVU		50.110	LW6DC		
EGULDOD						

ECUADOR 09021702 HC4MZ 57 50.110 PAOZH 09021818 HC4MZ 50.110 ON7GB 09211903 HC2FG 51 50.110 K4RX

FRENCH GUIANA

09240226	FY7THF	59>FI07BU 57 GJ35>FK60 549 GJ35>EL96		B	YV1DIG
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GALAPAGOS IS.

09012215	HC8GR	550 EI59>EM17	50.035	В	N0JK
09012336	HC8GR	EI59>EN61	50.035	В	KE9I
09052210	HC8GR	>DL44		B	XE2HWB
09132230	HC8GR	599>EL98	50.035	B	NW5E
09182025					
09201930	HC8GR	599 -2250 >DL44	1	В	XE2HWB
		599+ EI59>EL29			
09202148	HC8GR	449 EI59>EM17	50.035	В	NOJK

PARAGUAY

TRINIDAD & TOBAGO

09302238	ZP6VT	53 QTF	30.	50.110	PY1RO

50.110 HC3AP

QSL Information

3C0_: via DJ9ZB
3V8ST: via DL1BDF
5J0J: (CQ DX Contest) via N1WON
5U7JB: via ON5NT
BQ9P: via KU9C
CT1HZE: via DL8HCZ
F5SM: Christiane Michel 1 rue de

F5SM: Christiane Michel, 1 rue de l'Ocrerie, Les Pillés, F89240 Parly, FRANCE (w/SAE+postage)

FR/F5OGL: bureau or direct Didier Senmartin, P.O. Box 7, 53320 Loiron, FRANCE

HF8JP: via SP8QED HK0/N2WB: via N2OO II2CH: via IK2AOZ

JH6QIL: Shin-Ichi Kusumoto, 1777-289, Nishi-Mochida, Aira-cho, Kagoshima, 899-5431 JAPAN

KH2GR: via JF6BCC NH0/AL5A: is JH0MGJ

TM9AF: via F5SM direct or REF Bureau

TU2OJ: via F5IPW V63SC: via JM1LBO

V63SC: VIA JMTLBO
VE2/N1VF: via bureau or direct
Yoshiro Nishimura, Takemidai 4-2-6,
Suita City, Osaka, 565-0863 JAPAN
VP9/VU3SNM: via W3HNK
XU7ACD: via JH6QIL w/SASE

XV3AA: via JA6UHG ZL/9V1SM/p: via W3HNK

Award Seekers

From SM7AED's 50 MHz notebook, we note: "Ivan, K1MS, and Steve, W1RA, have launched a new grid-field award for working and confirming at least 50 major two-digit Maidenhead fields (FM, CN, IO, QM, etc). Endorsements are at the 75-field level and every 5 fields thereafter. For more see home.earthlink.net/~ivanpage."

QSL Seekers

Again from SM7AED: "ARRL Logbook of The World The World is the easy, electronic way to confirm contacts. The program has started on September 15, 2003. Submit a log via your computer, your data is compared with all of the existing data in the database. If the log data you submit matches that in another station's record, the result is a confirmed QSO record. The amateur has to "mark" QSO data with a personal digital signature to the callsign. For this you need a certificate from ARRL. QSOs confirmed in this way are accepted for awards administrated by ARRL. There will be a per-QSO charge for each credit used, but this will be a smaller cost than for a paper QSL exchange. Paper OSLs will still be accepted! Read more in October 2003 QST and at http://www.arrl.org/lotw."

Note that there is no charge to enter your log information (I believe that Cabrillo is one of the formats accepted). With the cost of QSLing approaching \$1-\$2 per card and more, perhaps it is time for some form of electronic verification. We'll have to see how this one takes off. I was initially skeptical due by the large size the data-

base could grow to.

EME

The first weekend of the ARRL EME contest begins at 0000Z on October 18 and ends at 2359Z on October 19. There are single and multiband categories, single operator and multi-operator. You may find additional information at www.arrl.org/contests/rules/2003/ruleseme.html

W7GJ in grid DN27 has been very busy working EME on 6m with DX stations when the moon is near their horizon. His station has 1500W output to an array of 4 long Yagis fully steerable in azimuth and elevation. The smallest station he has worked on CW was running 600W and a 31' long boom 6M7JHV Yagi by M2 (aiming over salt water). His most recent new DXCC entity acquisition was running 250W to an 8 el. Yagi using the digital JT44 mode. He is anticipating future improvements in JT44 for EME which will lower the required gain-power product even further. JT44 uses the same computer interface as PSK31.

Lance remarks that the signals on 6m EME are very weak and erratic, since they are more subject to many types of propagation conditions than higher frequencies. More information is available on his website http://www.bigskyspaces.com/w7gj either jt44.htm or 6memetips.htm.